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Encoded Knowledge in Stone: Architectural Geometry and Cosmology of Lonar Crater

Ar Samrat Rahul Sarode

Architect

Abstract

This research proposes an interdisciplinary interpretation of the Lonar impact crater (Maharashtra, India) as a site where ancient temple architecture symbolically encodes geological, astronomical, and planetary knowledge. Conducted by Architect and independent researcher Samrat R. Sarode, the study examines spatial planning, measurements, orientations, and mythological associations of key monuments around Lonar, including the Daityasudan Temple, Gomukh water tank, and Big Hanuman Temple.

The study identifies numerical, geometric, and directional correlations between temple dimensions and planetary parameters—particularly those associated with Mars, whose basaltic geology parallels that of the Lonar crater. Scaled relationships derived from architectural measurements are interpreted as symbolic representations of planetary diameters and Earth's internal structure. The seven-tiered stone base of Daityasudan Temple is analyzed as a conceptual model of Earth's internal layers, while the temple's eastward alignment is examined in relation to the scientifically proposed trajectory of the meteor impact.

Mythological narratives from the Skanda Purana, especially the episode of Lavanasura and Vishnu, are reinterpreted as cultural memory of a catastrophic celestial event encoded in symbolic language. The research suggests that the Lonar temple complex functions not only as a religious landscape but also as a knowledge system preserving ancient Indian understanding of cosmic events, planetary science, and geophysical processes through architectural expression.

The study calls for systematic archaeological, geological, and archaeo-astronomical evaluation to further investigate these correlations and to recognize Lonar as an integrated heritage site where mythology, science, and architecture converge.

1. SITE OVERVIEW

Component	Description	Core Insight
Lonar Lake	Basalt crater formed by meteor impact	Only such crater in India; global scientific value; Mars analogue
Gomukh Dhar	Natural–engineered water flow to temple complex	Measured dimensions match planetary values & Vaastu ratios
Brahma Kund and Papahareshwar kund	One is near the main kund and other is away from main kund,	Symbolically represents as 'two moons of mars
Daityasudan Temple	11th–12th century Hemadpanti structure	Symbolic construction reflecting Earth's inner layers and Bhoo devi

Motha Hanuman Temple	Local sacred site with meteor fragment belief	Distance alignment linked to Mars symbolism

2. SCIENTIFIC–CULTURAL HIGHLIGHTS

Theme	Evidence	Conclusion
Meteor Impact	Basalt structure, orbital direction studies	Lonar created from high-velocity cosmic strike
Mars Connection	Basalt chemistry, planetary-scale numbers	Lonar = Earth's closest landscape analogue of Mars
Geomatics Alignment	Measured site-to-site distances	Patterns imply ancient scientific planning
Mythic Parallels	Daityasudan narrative, Bhoomi Devi associations	Myth records impact memory symbolically

3. GEOMETRY & MEASUREMENTS

Measure Set	Value Recorded	Interpretation
Gomukh Tank Inner Side	21'9" ≈ 6.629 m	Matches Mars equatorial diameter 6.629 m ×100^3 ≈ 6629 Km
Gomukh → Daityasudan Distance	~636 m	Symbolic link to planetary radius (Earth) 636 m x 100^3 ≈ 6360 Km
Gomukh → Mohta Hanuman Distance	~660 m	Matches Mars diameter factor 660 m x 100^3 ≈ 6660 Km
Lonar–Walur–Khajana Alignment	~299.47 km	299.47 km x10^3 km/s = speed of light — symbolic

4. ARCHITECTURAL SYMBOLISM

Structural Element	Physical Feature	Suggested Meaning
Seven-layer foundation (Jagati)	Seven stepped stone courses	Mirrors Earth's seven inner layers
Axis Alignment (East–West)	Sunrise–Temple–Crater lonar lake	Marks direction of impact & solar cosmology
Tri-Temple System	Gomukh–Daitya–Hanuman	Earth–Water–Energy triangle

5. AYADI & VASTU ANALYSIS OF DAITYA SUDAN TEMPLE

Main Garbhagraha	Findings	Observation / Conclusion
11' 1" x 11' 1" (inside)	387 kishku angula perimeter	Sacred measurements suitable for lord Vishnu nakshtra (Shravan Nakshtra)
Yoni	East – West aligned	East facing Garbhagraha
Vyayam, Vaar, Amsa etc	16 Aayaadi sutra applied	Intentional design, not coincidence

Ayul of Vaastu energy	490–930 years	Symbolic longevity encoded in plans

6. SYNTHESIS & INTERPRETATION

Dimension	Key Finding
Physical	Meteor crater + flow networks
Cultural	Ancient knowledge preserved in architecture
Mathematical	Repeated numeric patterns (636, 660, 759)
Cosmic	Implied Mars–Earth correspondence
Philosophical	Land, sky, and cosmic energy unified

7. CORE CONCLUSION

Lonar is not merely:

- A geological impact site
- A place of worship
- Or a mythic landscape

It is **all three at once**, showing that **ancient builders embedded knowledge of:**

- Planetary scale
- Earth interior
- Geometry
- Water engineering
- Astronomical symbolism
- Cultural memory in a single, interlinked sacred terrain.

Scientific Re-reading of Lonar: From Meteor Impact to Temple Architecture

Lonar Lake was formed thousands to millions of years ago due to the impact of a meteorite striking the Earth. This lake is one of the world's rare meteorite crater structures formed in basalt rock, which gives it global scientific importance. The ancient temples located around the lake reflect India's advanced understanding of astronomy, architectural science, and spiritual traditions.

The name "Lonar" is associated with two meanings. The first comes from "lon / lavan" (salt), as the lake water is saline. The second is linked to mythology, according to which Lord Vishnu killed the demon Lonasura at this very place. In this way, science and mythology coexist at Lonar.

A hypothesis on how Lonar Lake may have formed

Between the planets Mars and Jupiter lies a massive Asteroid Belt. It is possible that a very large asteroid from this belt collided with Mars at extremely high speed. Due to the enormous energy of this impact, large rock fragments from the Martian surface may have been ejected into space. Some of these fragments could have escaped Mars' gravitational pull and travelled further through space. One such large fragment may have moved towards Earth and fallen at very high velocity in the Lonar region, resulting in the formation of Lonar Lake. This hypothesis may help explain why geochemical similarities are found between the basalt rocks of Lonar and the surface of Mars.

Ancient Indian knowledge and architecture

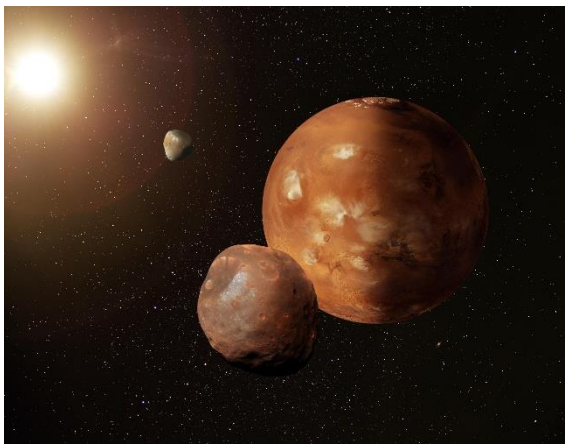
In my view, ancient Indian architects and Sthapatis, who possessed deep knowledge of geology and natural sciences, may have symbolically expressed this cosmic event through architecture and sculpture. My research attempts to understand and "decode" this hidden knowledge.

Indication through the Gomukh Temple

The Gomukh Temple at Lonar is not merely a religious site; it is also an important hydraulic and architectural structure. Its dimensions appear to be symbolically connected with the planet Mars.

The inner square measurement of the main water tank of the Gomukh Temple is: 21 feet 9 inches = 6.629 meters. If 6.629 meters is converted to km, the result is 6,629 km, which is very close to the equatorial diameter of the planet Mars.

In addition, there are two other water Kund within the Gomukh Temple premise. 1) **Brahmakund** 2) **Papahareshwar Kund**. These can be interpreted as symbolic representations of **Mars' two moons**—Phobos (which is closer to Mars) and Deimos (which is farther away).



Conclusion

Thus, Lonar Lake, the Gomukh Temple, and the surrounding structures indicate that ancient India not only understood astronomical events but also preserved them through architecture and symbolic design. Lonar is truly a remarkable

Mars' two moons

confluence of science, architecture, and spirituality.

Daityasudan (Vishnu) Temple: An Alternative Perspective on the Original Deity: - The "Daityasudan Vishnu Temple" at Lonar is today identified as a Vishnu temple. However, when its architectural form and symbolic elements are carefully examined, it becomes evident that the temple may not have been originally built for Vishnu. Some scholars consider it a Sun (Surya) temple, but based on my study, this temple was more likely dedicated to Bhū-Devī (Bhūmātā / the Earth principle).

The following points support this interpretation:

1) Temple built on a seven-layered platform (Jagati): indication of "seven levels"

The Daityasudan Temple is constructed on a foundation composed of seven layers of stone. In the Hemadpanti and Chalukyan architectural traditions, the jagati (base platform) is not merely a structural element; it carries deep philosophical and geological meaning.

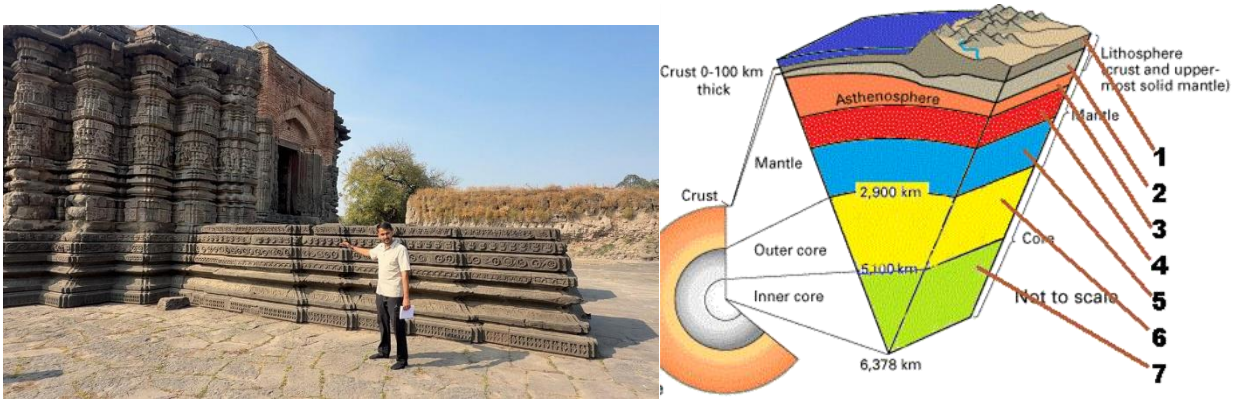
A seven-layered base suggests that the temple's central concept is not oriented upward toward the Sun or the sky, but downward—toward the womb of the Earth. In this temple, the jagati is not created only to raise the structure in height; it itself functions as a primary architectural statement. In temples associated with the Earth Goddess, the foundation is given special importance, because the Earth itself is the "foundation" upon which life, water, mountains, and civilization exist. Lonar itself is a site formed by a geological event—a meteor impact.

This place symbolizes the inner power of the Earth, impact, and regeneration.

Bhū-Devī is not merely "land," but a force that:

- endures impact,
- sustains life, and
- restores balance after destruction.

At such a location, the presence of a temple dedicated to the Earth Goddess appears both logical and culturally coherent.



The Seven-Layered Foundation of the Temple and earth

The Seven-Layered Foundation of the Temple: A Symbolic Representation of the Earth

The foundation of this temple is not merely a structural arrangement of stones; it symbolically represents the seven internal layers of the Earth. From bottom to top, these seven layers can be understood as follows:

1) Diamond Form

This is the lowest layer.

It symbolizes the Earth's extremely hard and solid inner core (Inner Core).

Just as a diamond is the strongest and most unyielding material, the Earth's inner core is the hardest and most rigid part of the planet.

2) Peacock Form

This layer represents the Earth's outer core (Outer Core).

The outer core is made of molten metals and generates the Earth's magnetic field, which protects us from harmful solar radiation.

Just as a peacock spreads its feathers in a protective display, this layer protects the entire planet. It is because of this magnetic energy that auroras (polar lights) are seen in the sky.

3) Go-Padma Form

"Go" means Earth, and "Padma" here refers to a base or support.

This layer symbolizes the lower mantle (Lower Mantle).

The lower mantle acts like a strong foundation for the upper layers of the Earth, preventing them from collapsing inward.

4) Swan (Hamsa) Form

This fourth layer represents the asthenosphere.

It is neither fully solid nor fully liquid; it is hot and flexible.

Just as the swan is believed to separate milk from water, in this layer molten material (magma) separates from solid rock and rises upward, creating new land.

5) Lotus Form

This layer symbolizes the lithospheric mantle.

It is one of the strongest upper layers of the Earth.

The stability of mountains, plateaus, and firm land depends on this layer.

Just as deities are shown seated on a lotus, all of nature rests upon this strong layer.

6) Kirtimukha

Kirtimukha is traditionally carved at temple entrances as a guardian against negative forces.

This layer symbolizes the oceanic crust.

It forms the boundary between the Earth's deep internal heat and the water–atmosphere above.

Just as Kirtimukha guards a doorway, this layer regulates and controls the energy rising from within the Earth.

7) Human Layer

This is the topmost layer.

It is the land where humans live, move, and conduct their lives.

It is the stage for human actions, festivals, and civilization.

Summary

Thus, the seven layers of the temple's foundation represent a complete journey—from the depths of the Earth to human life on the surface.

This is a remarkable example of the scientific and symbolic knowledge hidden within ancient Indian architecture.

Scientific Mirror

According to modern science, the Earth is divided into seven distinct layers—from the outer crust to the inner core.

Constructing a temple on a seven-layered foundation may symbolize that the temple itself represents the "foundation of the Earth."

In this sense, the structure is not only religious but also a symbolic model of the Earth's internal composition.

Bhumi Devi and the Concept of the "Underworld"

Although this temple is presently dedicated to Lord Vishnu, it shows a deep connection with Bhumi Devi (Mother Earth).

- **Mythological account:** According to the Skanda Purana, the demon Lonasura (or Lavanasura) lived beneath the Earth, in the underworld.
- **Role of Vishnu:** Lord Vishnu killed the demon who was hiding within the Earth and causing suffering to Bhumi Devi.
- **Meaning:** Vishnu is the protector of Bhumi Devi, as seen clearly in the Varaha incarnation.

Therefore, this temple celebrates the protection and restoration of the Earth. From this perspective, it can also be seen as a monument commemorating the safeguarding of Bhumi Devi.

East–West Order and Astronomical Indications

If we observe the spatial arrangement:

- **East:** Sun
- **Middle:** Bhumi Devi / Daityasudan Temple
- **West:** Lonar Lake

In astronomy, the planet Mars is often observed in the direction opposite to the Sun.

This spatial sequence appears to correspond symbolically with that astronomical relationship.

East–West Alignment and Meteor Impact

- **Sun (East):** The Daityasudan Temple includes a dedicated solar niche (Surya Koshtha).
- **Line of sight from temple to crater:** At certain times, the temple, the rising Sun, and the Lonar crater appear aligned in a straight line, creating a powerful symbolic visual.
- **Connection with Mars:** NASA and the Geological Survey of India (GSI) consider Lonar an important analogue site for studying Mars, because Lonar is the only known crater on Earth formed in basalt rock—and Mars is also largely basaltic.

Distance and the Diameter of Mars

- **Another interesting observation:** Distance from Gomukh Dhar to the Daityasudan Temple: approximately 636 meters (measured using Google Earth).
- **Calculation:** 636 meters × 1003 ≈ 6,360,000 meters ≈ 6,360 kilometers.

This number is very close to the average diameter of the planet Mars.

Symbolically, 6,360 kilometers is also close to the distance from the Earth's surface to its inner core. The accepted distance from the Earth's surface to its exact centre is about 6,371 kilometers.

- **Relevance:** Measurements and symbolic numbers associated with the Daityasudan Temple closely approach this value.

This suggests that the temple's planning and dimensions were deliberately designed to represent the Earth's internal structure.

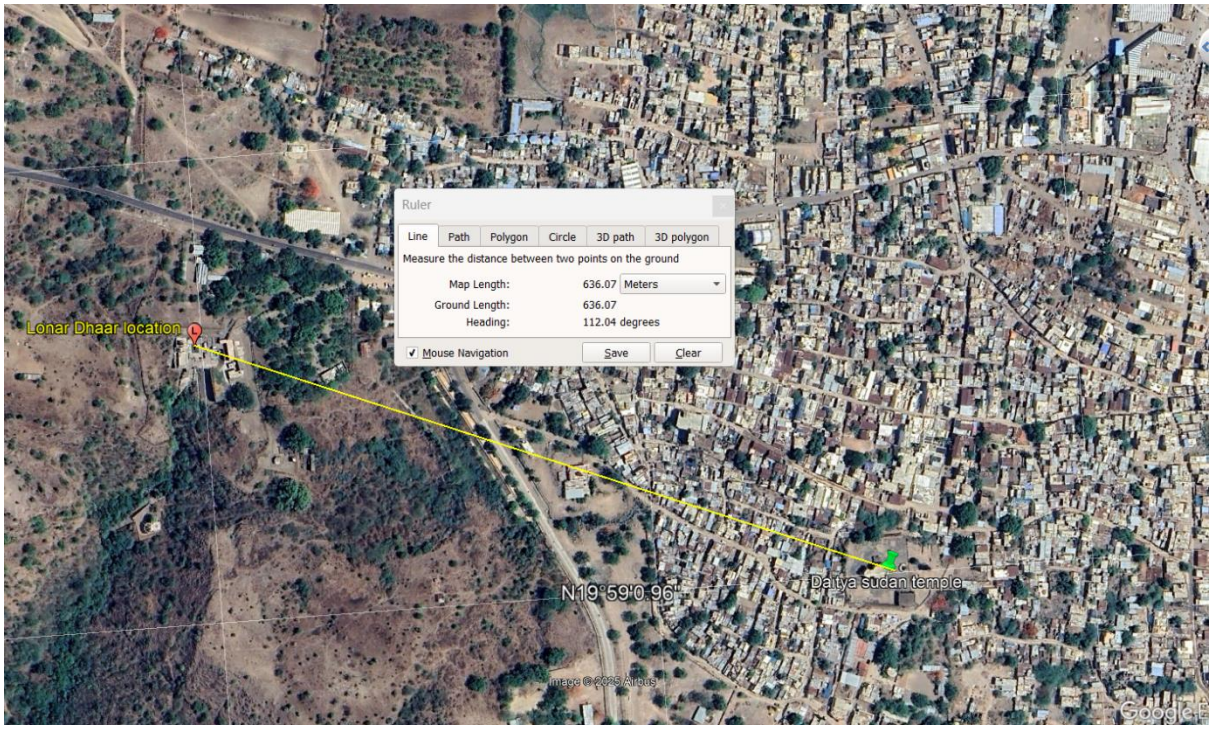
For this reason, the argument becomes stronger that the temple was originally dedicated to Bhumi Devi (Mother Earth), as its entire architecture appears connected to the depth, layers, and core of the Earth.

Conclusion

The Daityasudan Temple—

- its seven-layered foundation,
- the myth connected with the protection of Bhumi Devi,
- the sequence of Sun–Temple–Lonar Lake, and
- the measurements and similarities linked with the planet Mars

all indicate that this temple is not merely a place of worship, but a symbolic architectural document containing profound knowledge of the Earth, the sky, and the planets.



(Gowmukh Dhar to Daityasudan temple google earth distance)

Mars Analogue

Scientists from NASA and ISRO refer to Lonar as a "Mars Analogue." The reason is that the basalt rocks of the Lonar crater are chemically very similar to the rocks found on the surface of Mars. Therefore, Lonar is considered one of the most suitable places on Earth to study Martian surface conditions. In simple terms, Lonar is the closest Mars-like location on Earth.

The Mystery of the Orientation of the Daityasudan Temple

Another interesting aspect is why the Daityasudan Temple was established in only one specific direction. This does not appear to be a coincidence; rather, it seems to be a carefully planned site selection.

Direction of the Meteor Impact

According to geologists:

- The meteor that formed Lonar Lake came from the eastern direction.
- It struck the Earth at an angle of approximately 35 to 40 degrees.

When this fact is viewed together with the orientation of the temple and the east–west alignment, it becomes possible that the temple's position was intended to indicate the direction from which the celestial impact occurred.

Conclusion

The scientific connection of Lonar with Mars, the evidence that the meteor approached from the east, and the special orientation of the Daityasudan Temple—all three together suggest that this site is not only religious in nature, but is deeply connected with astronomy, geology, and architectural knowledge.

Hanuman and the Planet Mars (Martian Energy)

Hanuman is considered the highest spiritual form of the energy of the planet Mars.
Mars symbolizes strength, courage, valor, and fearlessness.
Where Mars is regarded as a warrior or military commander, Hanuman is seen as a divine warrior.
In astrology, Hanuman is believed to be the deity who controls and balances the planet Mars. Therefore, the presence of Hanuman at places and events associated with Mars is considered especially significant.

The Meteorite and the Maruti (Hanuman) Idol

Near the Chhota Ambar Sarovar (Little Lonar), the Motha Maruti (Great Hanuman) Temple provides a very important indication.

- The Hanuman idol installed in this temple is approximately 9.3 feet tall.
- According to local belief and research, this idol is believed to have been carved from a fragment of the same meteorite that created the Lonar crater.

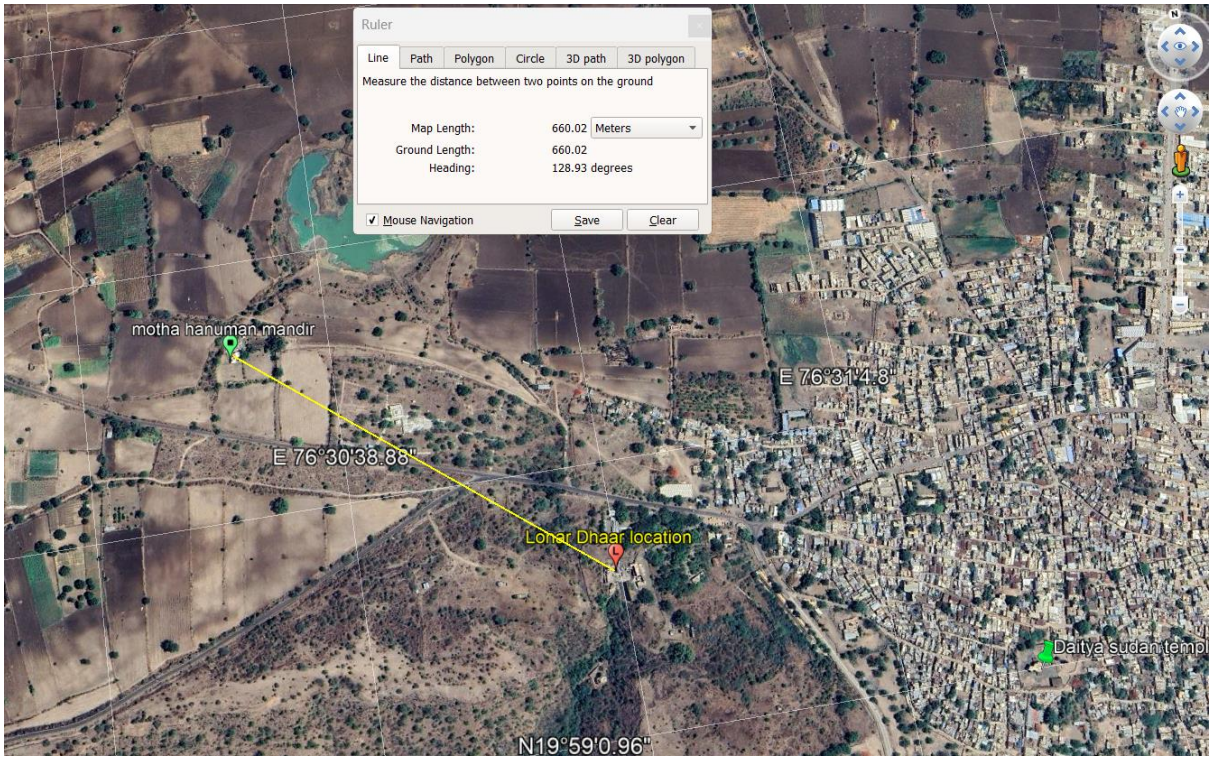
If Lonar is considered a Mars analogue and the meteorite is viewed as a Mars-related event, then the existence of a Hanuman idol made from that meteorite fragment becomes symbolically very meaningful.
In Hindu astrology, Hanuman is regarded as the deity who governs and pacifies the planet Mars.
Mars represents strength, aggression, anger, and warfare. When Mars is disturbed, it can increase aggression, fear, and obstacles in a person's life. Through his strength, discipline, and selfless service, Hanuman balances the intense energy of Mars.
For this reason, Hanuman worship—such as reciting the Hanuman Chalisa, Sundarkand, or performing Tuesday rituals—is traditionally practiced to reduce Mars-related afflictions (Mangal Dosh).
Thus, in astrology, Hanuman is regarded as the presiding deity of Mars, who channels Martian energy in a positive direction.

Importance of the Location

Another interesting observation is that the location of the Motha Hanuman Temple also appears to have

been deliberately chosen.

Its relationship with other major structures and water sources in the Lonar region seems not only geographical, but also astronomical and symbolic.



One more notable fact is that the distance from Gomukh Dhar to the Motha Hanuman Temple is approximately 660 meters (measured using Google Earth).

If this distance is viewed symbolically:

- 660 meters × 100^3 = 6,600,000 meters, that is, 6,600 kilometers.

This value comes very close to the equatorial diameter of the planet Mars.

Thus, the similarity between the measurements of Gomukh Dhar, the Motha Hanuman Temple, and the dimensions of Mars once again suggests that the temple planning of the Lonar region is not purely religious, but deeply connected with Mars, astronomical knowledge, and symbolic calculations.

Another Significant Observation

Another striking fact is that the radius of Lonar Lake is approximately equal to the distances between:

- Gomukh Temple and Motha Hanuman Temple, and
- Gomukh Temple and Daityasudan Temple.

When this distance is interpreted symbolically:

- 660 meters × 100^3 = 6,600,000 meters (6,600 kilometers),

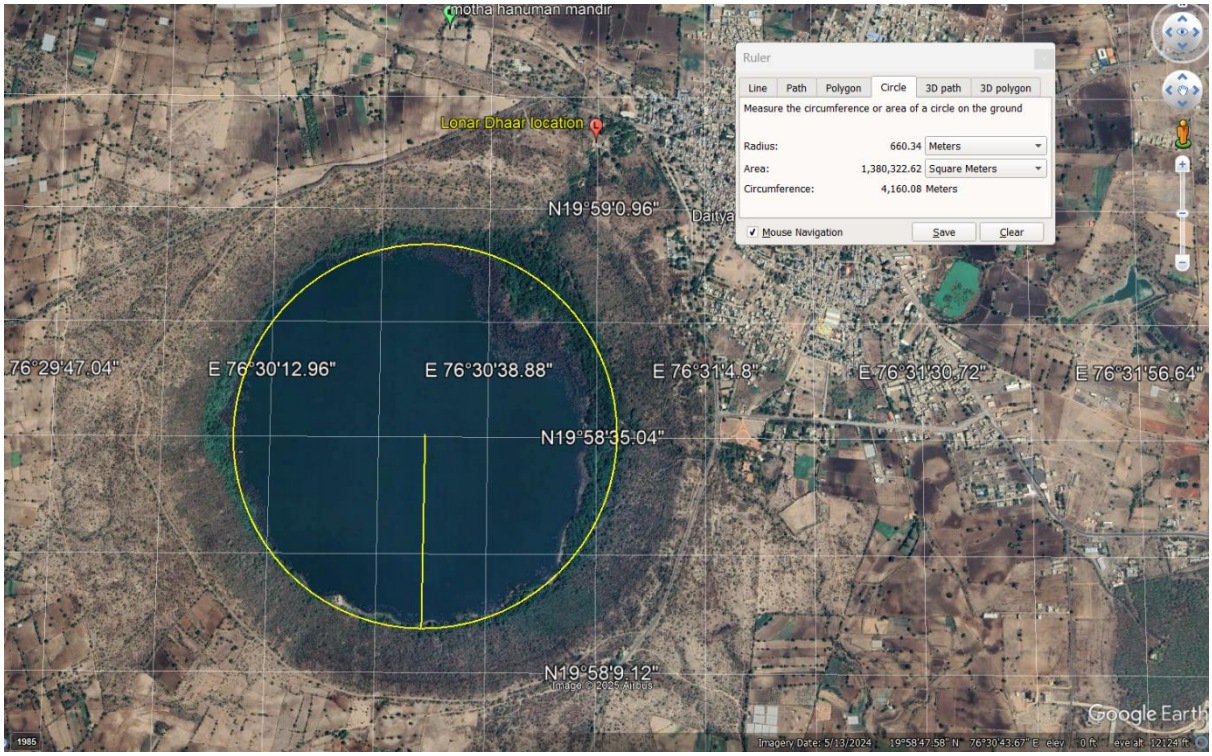
which is again very close to the equatorial diameter of the planet Mars.

This repetition further strengthens the idea that the spatial planning of Lonar was guided by deliberate symbolic and astronomical considerations.

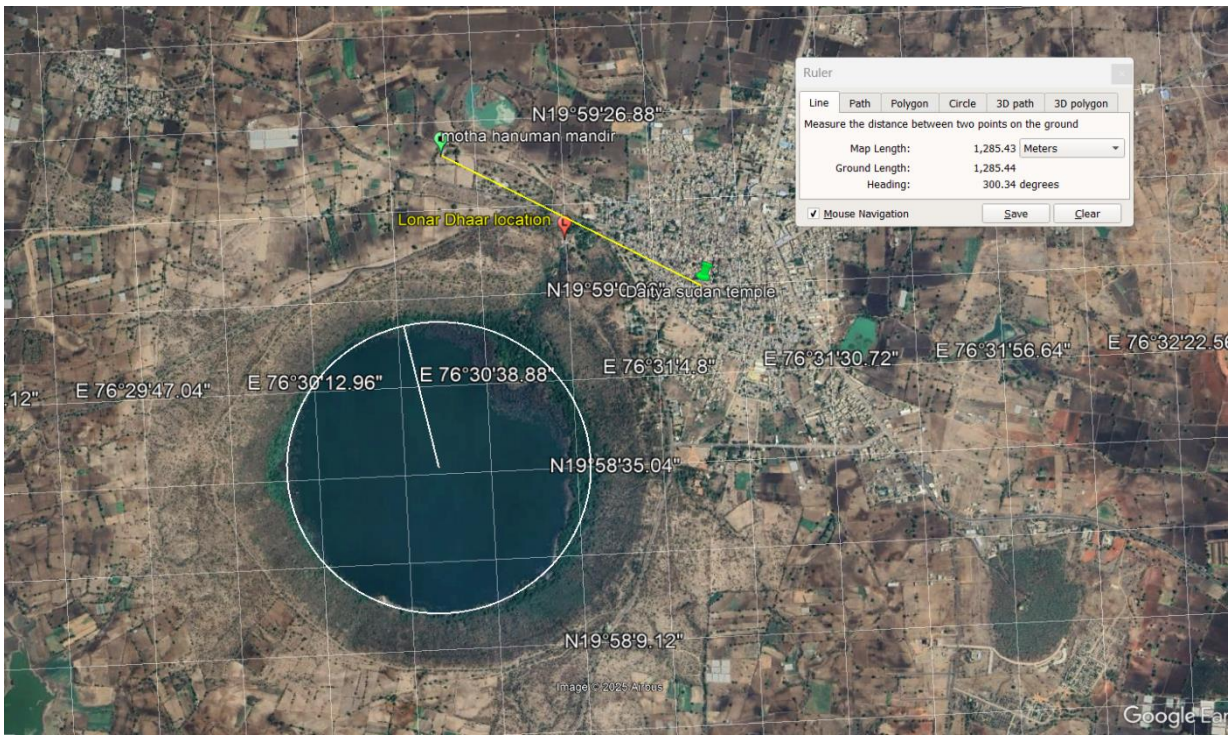
Another Interesting Observation

Another noteworthy fact is that the radius of Lonar Lake is approximately equal to the distances from the Gomukh Temple to the Motha Hanuman Temple and to the Daityasudan Temple.

If this distance is interpreted symbolically:
660 meters × 100^3 = 6,600,000 meters, that is, 6,600 kilometers.
This value comes very close to the equatorial diameter of the planet Mars.



Bottom Radius of lonar lake



Another Noteworthy Observation

Interestingly, the lower radius of Lonar Lake is found to be very close to the distance between the Motha Hanuman Temple and the Daityasudan Temple, as measured using Google Earth. This similarity is of special importance from the point of view of study and comparative analysis.

Understanding the Gomukh Temple through Vastu Shastra and Aayaadi Calculations

We will now examine the Gomukh Temple from the perspective of Vastu Shastra and Aayaadi calculations. In Vastu Shastra, the method used to examine the dimensions and proportions of any temple, house, or sacred structure is known as Ayadi calculation.

Ayadi calculations ensure that a structure is balanced not only on a physical level, but also on spiritual, astronomical, and natural planes.

Ayadi calculations make use of ancient classical units of measurement. These units are considered extremely important in temple architecture.

- 1 Kishku Angula = 1⅛ inches
- 24 Angula = 33 inches = 1 Kishku Hasta
- 1 Danda = 11 feet
- 1 Rajju = 88 feet

All these measurements are described in the Kāmikāgama Shastra and the Sthapatya Veda (Architecture of Sthapatya Veda).

1**) Inner Perimeter of the Gomukh Water Kund**

One side of the Gomukh water Kund measures 21 feet 9 inches.

Total perimeter of all four sides:

21’ 9” × 4 = 87 feet 0 inches

Now converting this into classical units:

87’ 0” ÷ 1⅛ inches = 759 Angula

Ayadi Number: 759 In the classical texts, 759 is considered a highly auspicious Ayadi number. Its Ayadi results are as follows:

- Aayaam (Gain): 12
- Vyayam (Loss): 1
- Yoni: West
- Nakshatra: Shatatārakā
- Amsa: Shakti
- Vaar (Weekday): Friday
- Ayul (Longevity): 930 years
- Yoga: Siddha Yoga

This clearly shows that the dimensions of the Gomukh water Kund are fully Aayaadi-compliant and auspicious.

Distance from Gomukh Dhar to Daityasudan Temple

According to Google Earth, the distance from Gomukh Dhar to the Daityasudan Temple is 636 meters.

Now converting this into classical units:

1 Kishku Hasta = 2’ 9”

636 meters ÷ 2’ 9” = 759 Kishku Hasta
The important point here is the repetition of the number 759.
This reflects the remarkable intelligence of the ancient Sthapati, who used the same auspicious Aayaadi number in both:

- the water structure (Gomukh kund), and
- the spatial distance to the Daityasudan Temple.

According to local tradition, the garbhagriha (sanctum) and architectural design of the Daityasudan Temple are believed to have been executed by a ancient Sthapati named **Tribhuvan Kirti.**

Distance from Gomukh Dhar to Motha Hanuman Temple
According to Google Earth:
Distance from Gomukh Dhar to the Motha Hanuman Temple = 660 meters
660 meters ÷ 2’ 9” = 787 Kishku Hasta
Ayadi Number: 787
The number 787 is also considered auspicious according to the shastras.
Its Ayadi results are as follows:

- Aayaam (Gain): 12
- Vyayam (Loss): 1
- Yoni: West
- Nakshatra: Shatatārakā
- Amsa: Shakti
- Vaar (Weekday): Friday
- Ayul (Longevity): 490 years
- Yoga: Siddha Yoga

This further supports the idea that the planning of distances, water structures, and temples in the Lonar region was carried out with deliberate Aayaadi calculations and symbolic precision, rather than by chance.

Dimensions of the Garbhagriha (Sanctum) of the Daityasudan Temple

Inner Dimensions of the Garbhagriha of the Daityasudan Temple

The internal dimensions of the garbhagriha (sanctum) of the Daityasudan Temple are 11 feet 1 inch × 11 feet 1 inch.

When Ayadi calculations are applied to these dimensions, the resulting Ayadi number is 387.

This number is considered especially suitable for Vishnu-related nakshatras.

Moreover, this measurement gives auspicious results across all 16 Ayadi parameters.

The Ayadi results are as follows:

- Aayaam (Gain): 12
- Vyayam (Loss): 3
- Yoni: East
- Nakshatra: Jyeshtha
- Amsa: Yash (Success/Fame)
- Vaar (Weekday): Wednesday
- Ayul (Longevity): 490 years
- Yoga: Siddha Yoga
- Tithi: 3 (Vijaya)
- Rashi: 12 (Pisces)
- Bhuta: Jala Devata (Water Element)
- Guna: Dirghāyu (Long Life)
- Avastha: Madhya Vaya (Middle Age)
- Netra: 1
- Gana: Rakshasa

Conclusion

The dimensions and spatial relationships of the Gomukh water tank, the Daityasudan Temple, and the Motha Hanuman Temple are all carefully planned, auspicious, and mutually interconnected according to Ayadi principles.

This reinforces the view that the architectural layout of the Lonar region was designed with deliberate application of Vastu and Ayadi knowledge, rather than by coincidence. This clearly indicates that the architecture of the Lonar region is not merely religious in nature, but represents a highly advanced and scientifically planned system based on mathematics, Aayaadi principles, Vaastu Shastra, and astronomical knowledge.

Now, if we look at the three mysterious water structures that I have studied together—

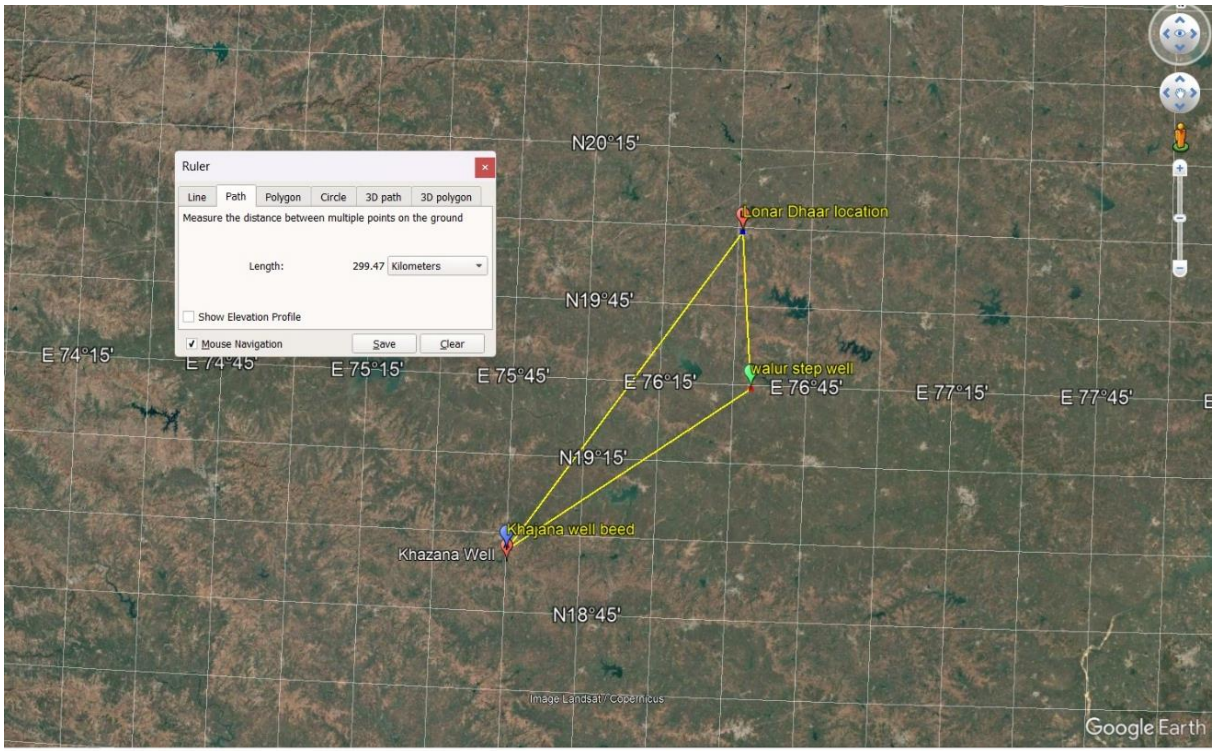
1. **Waloor Stepwell (Waloor AkashGanga well)**
2. **Khajana Well at Beed**
3. **Gomukh Temple and water tank at Lonar**

If these three sites are connected on a map in a straight line, then according to Google Earth, the total straight-line distance between these three points is approximately **299.47 kilometers**.

If this is viewed as a symbolic calculation:

$299.47 \times 10^3 =$ **299,470 kilometers**

This value is very close to the **speed of light**, which is approximately **300,000 kilometers per second**. This numerical proximity suggests that the spatial alignment of these three water structures may not be accidental, but symbolically connected to advanced mathematical and cosmic concepts.



Conclusion

The research conducted on **Lonar Lake, Gomukh Dhar, and the Daityasudan Temple** is not merely a study of measurements, distances, Vastu, or stone structures. It is an introduction to the profound knowledge that our ancestors understood, explored, and preserved—quietly embedding it within temples and water systems, even without modern instruments.

Understanding a geological event such as a **meteor impact** and preserving that knowledge through temples, water management systems, Ayadi measurements, and symbolic architecture is not just an act of construction; it is a knowledge tradition meant to be transmitted across generations. The objective of this research is to demonstrate that Lonar is not merely a crater, but a **living text** that connects the Earth, planets, and ancient Indian intelligence—one that the present generation has a responsibility to understand, conserve, and protect.

Every stone, every line, every measurement, and every direction seems to convey that whatever was built here was created with deep thought and a clear purpose. Through this research, it becomes evident that in our tradition, **faith, culture, and science were never separate**—they were two expressions of the same unified knowledge system.

Therefore, Lonar is not just a lake or a temple complex; it is a heritage site representing our **cultural memory, scientific understanding, and spiritual vision**. Preserving, studying, and honoring this site for future generations is of utmost importance.

Declaration and Request

Finally, I humbly submit that all findings, measurements, comparisons, and interpretations presented in this research are based on my **independent study and fieldwork**. To the best of my knowledge, no such work has appeared so far in any published source or official government record.

I respectfully request that, while formally acknowledging or accepting this research, the **Archaeological Survey of India** and other concerned government departments recognize and include my name as the **original researcher**. Furthermore, if this material is used on websites, in publications, academic notes, information boards, tourism material, or any public medium, I kindly request that due credit be given as:
"Architect Samrat R. Sarode – Independent Researcher (Pune)"
This recognition would not only be an ethical acknowledgment of my work, but would also serve as motivation for further research into India's ancient scientific and cultural heritage.
This research is based on field measurements, on-site architectural documentation, comparative spatial analysis using Google Earth, study of classical texts (Vastu Shastra, Ayadi principles, Agamas), and interdisciplinary correlation with geology and astronomy. No invasive methods were used. All interpretations are derived from measurable data and symbolic analysis grounded in traditional Indian architectural science.
All dimensions, distances, orientations, and spatial relationships presented in this study are based on verifiable measurements. Interpretative correlations with astronomy, geology, symbolism, and traditional knowledge systems are presented as *academic hypotheses* intended for further scholarly examination and do not contradict or replace established scientific explanations.
Understanding Lonar through this integrated scientific and architectural perspective strengthens the case for enhanced conservation, controlled development, accurate interpretation for visitors, and inclusion of symbolic planning knowledge in official heritage narratives.
This research opens further possibilities such as comparative analysis with other impact sites, geochemical correlation of temple stones, archaeo-astronomical simulation of alignments, and interdisciplinary collaboration with geology and planetary science institutions.
This research does not seek to diminish religious belief or replace mythology with science. Rather, it demonstrates how ancient Indian culture integrated scientific understanding, symbolism, and spirituality into a single coherent knowledge system.
Supporting drawings, maps, satellite imagery, and measurement sheets are available as part of the research documentation."